



THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Paul M. Defourny and Fereidoun Abbassian

Serial No.: 08/696,986

Filed: March 3, 1997

For: *Connection for Resilient
Application of Torque and
Weight to a Drill Bit*

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Attorney Docket No.: DBS-38-A

Art Unit No.: 3672

Examiner: Jong-Suk (James) Lee

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Amended
8/23/03
RECEIVED
JUN 12 2000
TECHNICAL MAIL ROOM

PRELIMINARY AMENDMENT

Box CPA
Assistant Commissioner for Patents
Washington, DC 20231

Sir:

Please cancel all claims in the parent U.S. Patent Application Serial No. 08/696,986 and substitute therefore the following claims 93-115.

In the Claims

93. An apparatus for use in a drill string and drill bit assembly, comprising:

a first member for attachment to the drill string;

a second member comprising a drilling member, and

a resiliently deformable spacer intermediate said first and second member for transmitting torque and weight between said first and second member, said spacer disposed between said first and second members so as to be compressed to allow tilting of or lateral movement of said first member relative to said second member under an applied load to enable more stable operation of the drilling member.

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